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Attention: 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency, ICC Building
1201 Constitution Ave., NW
Washington, DC 20004



Dear 8(e) Coordinator:

8EHQ-07-16913
Fluorinated Aliphatic Alcohol

This letter is to inform you of the preliminary results of an ongoing one-generation reproduction study in rats with the above referenced test substance.

Groups of 20 rats per sex were administered the test substance once daily by gavage at daily dose levels of 0, 5, 25, 125, or 250 mg/kg/day. Formulations were prepared using 0.5% aqueous methylcellulose as the vehicle and administered at a dose volume of 5 ml/kg. Doses were administered for 70 days before cohabitation, through cohabitation (maximum 14 days) and continuing through the day before sacrifice on postnatal day 22.

Under the experimental conditions of this study, test substance-related effects consisted of the following: in adult males and females at 250 mg/kg/day, mortality, lower body weights/weight gains, reduced food consumption during lactation, increased incidences of discolored teeth, and reduced uterine weights; in offspring at 250 mg/kg/day, increased pup mortality during lactation, reduced litter size, reduced pup weights, and clinical observations in the pups during lactation (dehydration, not nursing, not nesting and cold to touch). At 125 mg/kg/day, effects consisted of mortality in adult males, reduced food consumption during lactation, increased incidences of discolored teeth, and reduced uterine weight; in offspring at 125 mg/kg/day, effects included increased pup mortality during lactation and reduced pup weights.

No test substance-related effects were observed in adult males, adult females, pups and all reproductive endpoints at daily dose levels of 25 or 5 mg/kg/day.

Sincerely,

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